Refine Search

Your wildcard search against 10000 terms has yielded the results below.
Your result set for the last L# is incomplete.
The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.
Search Results -

Terms	Documents
L45 and (((hold near2 back$) or constrain$ or confin$ or restrain$) with (vehicle or automobile or car or flight or airplane))	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:
L46

[Refine Search]

[Recall Text ⬍]   [Clear]   [Interrupt]

Search History

DATE: Friday, September 15, 2006   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR			
L46	L45 and (((hold near2 back$) or constrain$ or confin$ or restrain$) with (vehicle or automobile or car or flight or airplane))	0	L46
L45	l42 or l43 or l44 or l35	66	L45
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR			
L44	(3569819 | 3780343 | 3859624 | 3539900 | 3641421 | 4025791 | 4017780 | 4317068 | 4457285 | 4868730 | 3949397 | 5049786 | 3299424 | 3852656 | 3718853 | 3906919 | 4589398 | 3911433 | 3671963 | 3182930 | 3104478 | 4046961 | 3753071)![PN]	23	L44
L43	("4121102"| "5207208"| "3919620")[PN]	3	L43

L42   ("4121102"| "5207208"| "3919620")[URPN]   39   L42

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L41   L40 and (fir$ with puls$).clm.   3   L41

L40   L39 and fet$ 17   L40

L39   l37 or L38   225   L39

L38   L36 and @pd<=20021126   217   L38

L37   L36 and @ad<=20021126   107   L37

L36   switch$ and (capacit$ with fir$) and (vehicle or automobile or car or flight or airplane) and (fir$ near2 circuit$)   230   L36

L35   L33   1   L35

DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR

L34   ("20020121810")[URPN]   0   L34

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L33   L32   1   L33

DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR

L32   20020121810   1   L32

L31   ("20020121810")[PN]   1   L31

L30   ("20020121810")[PN]   1   L30

L29   ("20020121810"| "20020121810")[URPN]   0   L29

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L28   L26 and (fir$ near2 circuit)   1   L28

L27   L26 and L17   0   L27

L26   L23 or L16 or L14 or L12 or L13 or L19 or L20 or L7   10   L26

L25   L8 and @ad<=20021126   0   L25

L24   L8 and @pd<=20021126   0   L24

DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR

L23   L9 and capacit$ 1   L23

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L22   L20 and fet$ 1   L22

L21   L20 and fet$ 1   L21

L20   5261694.pn.   1   L20

L19   US-5666065-A.did.   1   L19

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L18   L17 and FET$ 7   L18

L17   restraint$ and (vehicle or automobile or car or flight or airplane) and (fir$ near2 circuit)   46   L17

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L16   5430314.pn.   1   L16

DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR

| L15 | L9 and restraint$ | 1 | L15 |
| L14 | 20020121810 | 1 | L14 |

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

| L13 | 20020121810 | 0 | L13 |
| L12 | 6878996.pn. | 1 | L12 |

DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR

L11	L9 and 11	1	L11
L10	L9 and supply$	1	L10
L9	20040108698	1	L9

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L8	L7 and (vehicle or automobile or car or flight or airplane)	0	L8
L7	L6 and @ad<=20021126	4	L7
L6	L4 or L5	10	L6
L5	"reverse diode" and "N-channel FET"	6	L5
L4	"reverse diode" and "N-type FET"	4	L4

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L3	6142130.pn.	1	L3
L2	4838457.pn.	1	L2
L1	4838457	35	L1

END OF SEARCH HISTORY

Hit List

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[Clear] [Generate Collection] [Print] [Fwd Refs] [Bkwd Refs]
[Generate OACS]

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 5207208 A

L41: Entry 1 of 3   File: USPT   May 4, 1993

US-PAT-NO: 5207208
DOCUMENT-IDENTIFIER: US 5207208 A

TITLE: Integrated converter high power CD ignition

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2. Document ID: US 4121102 A

L41: Entry 2 of 3   File: USPT   Oct 17, 1978

US-PAT-NO: 4121102
DOCUMENT-IDENTIFIER: US 4121102 A

TITLE: Object identification system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 3. Document ID: US 3919620 A

L41: Entry 3 of 3   File: USPT   Nov 11, 1975

US-PAT-NO: 3919620
DOCUMENT-IDENTIFIER: US 3919620 A
** See image for **Certificate of Correction** **

TITLE: Inverter adaptive lock-out technique

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

[Clear] [Generate Collection] [Print] [Fwd Refs] [Bkwd Refs] [Generate OACS]

Hit List

Your wildcard search against 10000 terms has yielded the results below.
Your result set for the last L# is incomplete.
The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |

| Generate OACS |

Search Results - Record(s) 1 through 10 of 17 returned.

☐ 1. Document ID: US 6584965 B1

L40: Entry 1 of 17   File: USPT   Jul 1, 2003

US-PAT-NO: 6584965
DOCUMENT-IDENTIFIER: US 6584965 B1

TITLE: High efficiency high energy firing rate CD ignition

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2. Document ID: US 6523149 B1

L40: Entry 2 of 17   File: USPT   Feb 18, 2003

US-PAT-NO: 6523149
DOCUMENT-IDENTIFIER: US 6523149 B1
** See image for **Certificate of Correction** **

TITLE: Method and system to improve noise analysis performance of electrical
circuits

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 3. Document ID: US 5734317 A

L40: Entry 3 of 17   File: USPT   Mar 31, 1998

US-PAT-NO: 5734317
DOCUMENT-IDENTIFIER: US 5734317 A

TITLE: Current limit controller for an air bag deployment system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 4. Document ID: US 5207208 A

L40: Entry 4 of 17   File: USPT   May 4, 1993

US-PAT-NO: 5207208
DOCUMENT-IDENTIFIER: US 5207208 A

TITLE: Integrated converter high power CD ignition

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De

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☐ 5. Document ID: US 5206455 A

L40: Entry 5 of 17   File: USPT   Apr 27, 1993

US-PAT-NO: 5206455
DOCUMENT-IDENTIFIER: US 5206455 A

TITLE: Laser initiated ordnance systems

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De

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☐ 6. Document ID: US 5191499 A

L40: Entry 6 of 17   File: USPT   Mar 2, 1993

US-PAT-NO: 5191499
DOCUMENT-IDENTIFIER: US 5191499 A

TITLE: Method and apparatus for current interruption in electrically-powered apparatus and equipment

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De

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☐ 7. Document ID: US 4990884 A

L40: Entry 7 of 17   File: USPT   Feb 5, 1991

US-PAT-NO: 4990884
DOCUMENT-IDENTIFIER: US 4990884 A

TITLE: Method and apparatus for testing an airbag restraint system

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De

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☐ 8. Document ID: US 4835513 A

L40: Entry 8 of 17   File: USPT   May 30, 1989
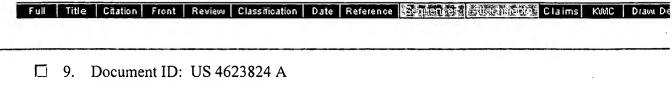
US-PAT-NO: 4835513
DOCUMENT-IDENTIFIER: US 4835513 A

** See image for <u>Certificate of Correction</u> **

TITLE: Method and apparatus for testing an airbag restraint system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sentences | Attachments | Claims | KWIC | Draw De |

☐ 9.   Document ID: US 4623824 A

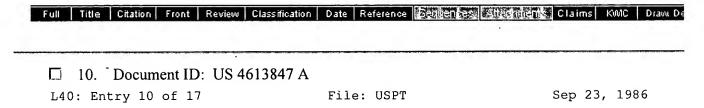L40: Entry 9 of 17   File: USPT   Nov 18, 1986

US-PAT-NO: 4623824
DOCUMENT-IDENTIFIER: US 4623824 A

TITLE: Controlled high voltage generator

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sentences | Attachments | Claims | KWIC | Draw De |

☐ 10. Document ID: US 4613847 A

L40: Entry 10 of 17   File: USPT   Sep 23, 1986

US-PAT-NO: 4613847
DOCUMENT-IDENTIFIER: US 4613847 A

TITLE: Emergency signal

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sentences | Attachments | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
L39 and fet$	17

Display Format: [-] [Change Format]

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Search Results - Record(s) 11 through 17 of 17 returned.

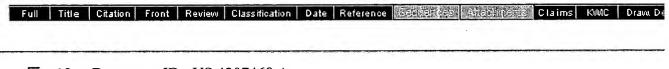☐ 11.   Document ID: US 4586715 A

L40: Entry 11 of 17   File: USPT   May 6, 1986

US-PAT-NO: 4586715
DOCUMENT-IDENTIFIER: US 4586715 A

TITLE: Toy laser pistol

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

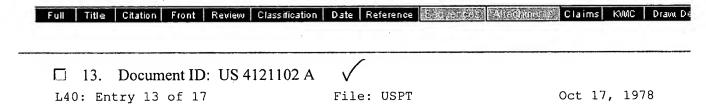☐ 12.   Document ID: US 4207468 A

L40: Entry 12 of 17   File: USPT   Jun 10, 1980
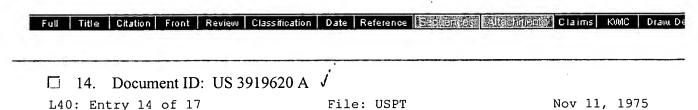
US-PAT-NO: 4207468
DOCUMENT-IDENTIFIER: US 4207468 A

TITLE: Object identification system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 13.   Document ID: US 4121102 A

L40: Entry 13 of 17   File: USPT   Oct 17, 1978

US-PAT-NO: 4121102
DOCUMENT-IDENTIFIER: US 4121102 A

TITLE: Object identification system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 14.   Document ID: US 3919620 A

L40: Entry 14 of 17   File: USPT   Nov 11, 1975

US-PAT-NO: 3919620
DOCUMENT-IDENTIFIER: US 3919620 A
** See image for Certificate of Correction **

TITLE: Inverter adaptive lock-out technique

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 15.   Document ID: US 3102166 A

L40: Entry 15 of 17   File: USOC   Aug 27, 1963

US-PAT-NO: 3102166
DOCUMENT-IDENTIFIER: US 3102166 A

TITLE: Toll ticketing telephone system

DATE-ISSUED: August 27, 1963

INVENTOR-NAME: BERCH WILLIAM H; CLEMENT MILTON A ; KAYE ROBERT K ; WILLIAM NEWITT
JOHN

US-CL-CURRENT: 379/111, 379/124

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 16.   Document ID: US 2830125 A

L40: Entry 16 of 17   File: USOC   Apr 8, 1958

US-PAT-NO: 2830125
DOCUMENT-IDENTIFIER: US 2830125 A

TITLE: Electronic switching system

DATE-ISSUED: April 8, 1958

INVENTOR-NAME: GEORGE ELLIOTT

US-CL-CURRENT: 370/357

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 17.   Document ID: US 2830122 A

L40: Entry 17 of 17   File: USOC   Apr 8, 1958

US-PAT-NO: 2830122
DOCUMENT-IDENTIFIER: US 2830122 A

TITLE: Electronic telephone system

DATE-ISSUED: April 8, 1958

INVENTOR-NAME: TROUSDALE ROBERT B

US-CL-CURRENT: <u>370</u>/<u>359</u>; <u>370</u>/<u>384</u>, <u>379</u>/<u>290</u>, <u>379</u>/<u>293</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

| Clear | | Generate Collection | | Print | | Fwd Refs | | Bkwd Refs | | Generate OACS |

Terms	Documents
L39 and fet$	17

Display Format: | - | | Change Format |

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Advanced Search:

Inspec - 1898 to date (INZZ)

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limit

Search history:

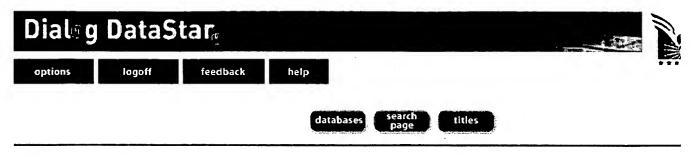| No.	Database	Search term	Info added since	Results	
1	INZZ	firing ADJ adj2 ADJ (capacitor OR pulse) AND restraint	unrestricted	0	-
2	INZZ	firing ADJ (capacitor OR pulse) AND restrain	unrestricted	0	-
3	INZZ	firing ADJ (capacitor OR pulse) AND (vehicle OR car OR automobile)	unrestricted	1	show titles

hide | delete all search steps... | delete individual search steps...

Enter your search term(s): Search tips   ☐ Thesaurus mapping

[   ] [whole document   ▼] 🛈

Information added since: [   ] or: [none   ▼]   **search**
(YYYYMMDD)

☐ Documents with images

Select special search terms from the following list(s):

➡ Publication year 1950-

➡ Publication year 1898-1949

➡ Inspec thesaurus - browse headings A-G

➡ Inspec thesaurus - browse headings H-Q

➡ Inspec thesaurus - browse headings R-Z

➡ Inspec thesaurus - enter a term

➡ Classification codes A: Physics, 0-1

➡ Classification codes A: Physics, 2-3

➡ Classification codes A: Physics, 4-5

➡ Classification codes A: Physics, 6

➡ Classification codes A: Physics, 7

➡ Classification codes A: Physics, 8

➡ Classification codes A: Physics, 9

➡ Classification codes B: Electrical & Electronics, 0-5

➡ Classification codes B: Electrical & Electronics, 6-9

➡ Classification codes C: Computer & Control

Classification codes D: Information Technology

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- Classification codes E: Mech., Manufac. & Production Engineering
- Treatment codes
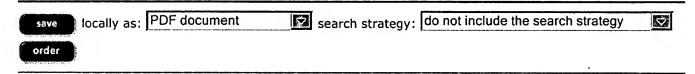- Inspec sub-file
- Language of publication
- Publication types

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order

☑ **document 1 of 1** Order Document
Inspec - 1898 to date (INZZ)

Accession number & update
0002857053 20051201.
Title
Microprocessor based ignition controller for the **automobile** industry.
Source
Computers in Industry, {Comput-Ind-Netherlands}, Dec. 1986, vol. 7, no. 6, p. 547-51, 0 refs, CODEN: CINUD4, ISSN: 0166-3615, Netherlands.
Author(s)
Mathialagan-A, Vijayaraghavan-P.
Author affiliation
Mathialagan, A., Vijayaraghavan, P., Madras Inst. of Technol., Anna Univ., India.
Abstract
This paper deals with the microprocessor based ignition control for an **automobile.** To get a better performance from an IC engine, accurate control of ignition timing is necessary. To effectively use the maximum pressure obtained in the engine, the **firing** instant is to be advanced before the Top Dead Centre. This method utilizes a single look-up table and a hardware counter for generating the **firing pulse.**
Descriptors
AUTOMOBILES; COMPUTERISED-CONTROL; ELECTRIC-IGNITION; INTERNAL-COMBUSTION-ENGINES; TABLE-LOOKUP.
Classification codes
B8520B Automobile-electronics*;
C3340B Control-of-heat-systems*;
C3340H Control-of-electric-power-systems;
C7420 Control-engineering-computing.
Keywords
IC-engine; ignition-timing; **firing-instant;** Top-Dead-Centre; look-up-table; hardware-counter; **firing-pulse.**
Treatment codes
P Practical.
Language
English.
Publication type
Journal-paper.
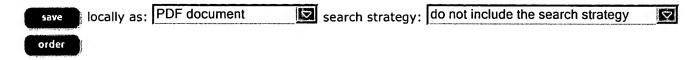**Publication year**
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Publication date
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Edition
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